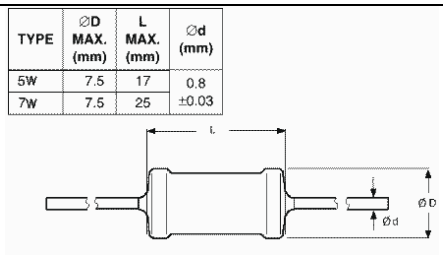
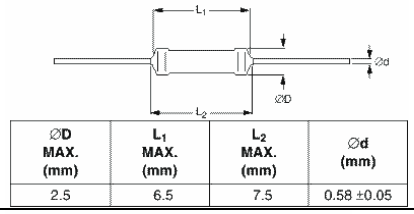
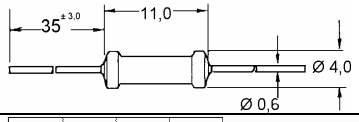
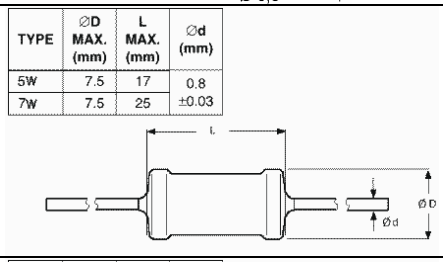
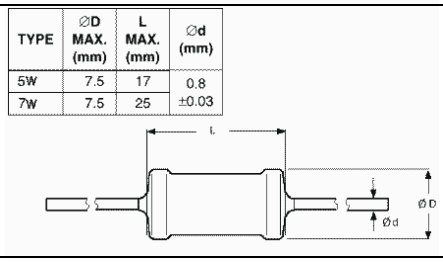
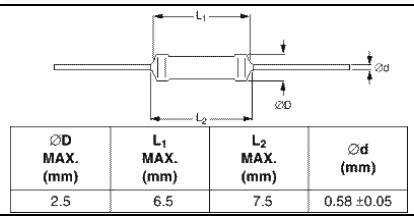
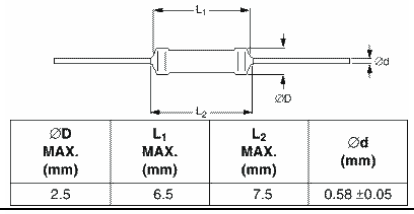
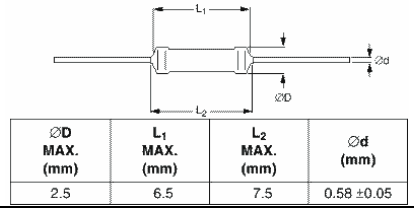
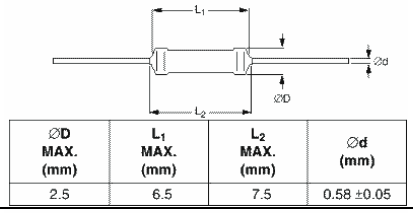
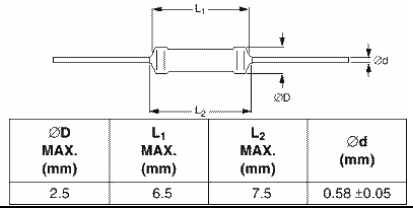
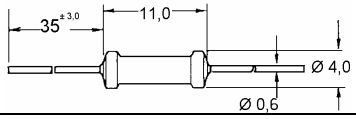
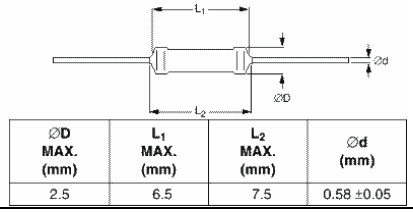
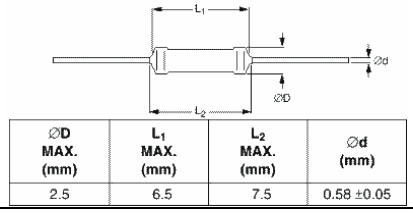
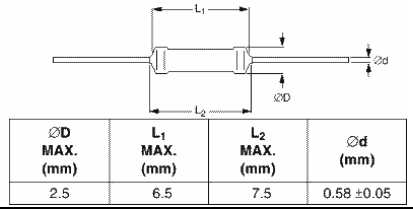
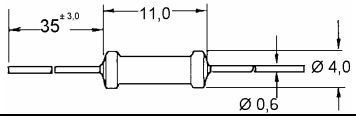
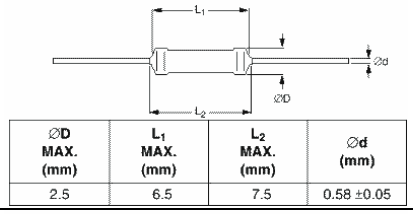
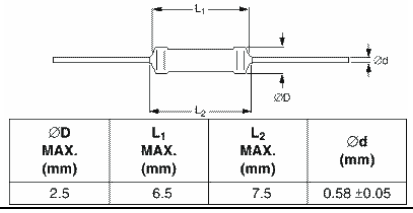
▲ DELTA AUDIO LEACH AMP CLONE (6 transistor version)

Parts List

(Last updated 13.07.2005)

Qty	Value	Device	Order number and additional notes
3	2 pin terminal block 5 mm pin spacing Optional	OUT, VCC, VSS	
2	2 pin header 2.54 mm pin spacing	IN TH1	
2	10000 uF 80 – 100V 40 mm in diameter 10 mm pin spacing	C21, C27	
4	100 uF 100V 13 mm in diameter 5 mm pin spacing	C1, C3, C10, C14	
2	470 uF 16V 10.5mm in diameter 5 mm pin spacing Not polarised	C7, C12	DIGIKEY: P1170-ND
5	1 uF 63V film, PE or PP 5 x 7.2 mm box 5 mm pin spacing	C4, C6, C11, C13, C19	
1	1 uF 100V, PE or PP 7.2 x 18.3 mm box 15 mm pin spacing	C33	
9	100 nF 100V, PE or PP 6.4 x 13.3 mm box 10 mm pin spacing	C2, C15, C22, C23, C24, C28, C29, C30, C34	
2	10 pF 500V MICA Depth: 4.32mm; Width: 11.43mm 5.72 mm Pins pacing	C16, C20	DIGIKEY:338-1061-ND
1	39 pF 500V MICA Depth: 4.32mm; Width: 11.43mm 5.72 mm Pins pacing	C5	DIGIKEY:338-1093-ND
1	180 pF 500V MICA Depth: 4.32mm; Width: 11.43mm 5.72 mm Pins pacing	C9	DIGIKEY:338-1082-ND
2	100 pF 63V, PE or PP 5 x 7.2 mm box 5 mm pin spacing	C17, C18	
1	330 pF 63V, PE or PP 5 x 7.2 mm box 5 mm pin spacing	C8	
2	10 nF 63V, PE or PP 3 x 7.2 mm box 5 mm pin spacing	C35, C42	
6	1N4007	D6, D8, D9, D11, D15, D16	DIGIKEY:1N4007RLOSCT-ND
6	1N4148	D5, D7, D10, D12, D13, D14	DIGIKEY: 1N4148FS-ND
4	20V zener; 0.5W	D1, D2, D3, D4	DIGIKEY: 1N5250DO35MSCT-ND

6	0R47 5W	R46, R47, R48, R52, R53, R54	
9	10R 1% 0.6W	R4, R36, R37, R38, R63, R64, R65	
12	10R 5% 1W Optional Do not mount if F3 + F4 is used	R1, R23	
1	10R 5W	R57	
1	10R 5W // 10 turns of 1mm^2 wire	L//R	
2	1k 1% 0.6W	R16, R32	
2	1k2 1% 0.6W	R2, R21	
2	12k 1% 0.6W	R5, R20	

1	220R 1% 0.6W	R51	 ØD MAX. (mm) | L1 MAX. (mm) | L2 MAX. (mm) | Ød (mm) 2.5 | 6.5 | 7.5 | 0.58 ±0.05
2	2k2 1% 0.6W	R11, R29	 ØD MAX. (mm) | L1 MAX. (mm) | L2 MAX. (mm) | Ød (mm) 2.5 | 6.5 | 7.5 | 0.58 ±0.05
2	3k9 5% 1W	R3, R22,	Calculate as (V - 40)/8.2 
2	22k 1% 0.6W	R8, R17	 ØD MAX. (mm) | L1 MAX. (mm) | L2 MAX. (mm) | Ød (mm) 2.5 | 6.5 | 7.5 | 0.58 ±0.05
2	33R 1% 0.6W	R24, R35	 ØD MAX. (mm) | L1 MAX. (mm) | L2 MAX. (mm) | Ød (mm) 2.5 | 6.5 | 7.5 | 0.58 ±0.05
22	330R 1% 0.6W	R6, R7, R9, R10, R14, R15, R18, R19, R25, R27, R31, R33	 ØD MAX. (mm) | L1 MAX. (mm) | L2 MAX. (mm) | Ød (mm) 2.5 | 6.5 | 7.5 | 0.58 ±0.05
1	4k7 Trimmer B64Y or B64W	P1	
	TO BE DEFINED	R26, R34, R68, R69	
2	11k 1% 0.6W	R12, R13	 ØD MAX. (mm) | L1 MAX. (mm) | L2 MAX. (mm) | Ød (mm) 2.5 | 6.5 | 7.5 | 0.58 ±0.05
	TO BE DEFINED	R41, R42, R43, R60, R61, R62, R28, R30	 ØD MAX. (mm) | L1 MAX. (mm) | L2 MAX. (mm) | Ød (mm) 2.5 | 6.5 | 7.5 | 0.58 ±0.05

6	MPSA42	T1, T2, T3, T10, T11, T15	
5	MPSA92	T4, T5, T6, T7, T12	
2	MJE340	T9, T14	
2	MJE350	T8, T13	
1	MJE15032 Mount on small heatsink (DIY)	T21	Please report if you find an off the shelf heatsink that works
1	MJE15033 Mount on small heatsink (DIY)	T22	Please report if you find an off the shelf heatsink that works
3	MJL4302 / MJL1302 / 2SA1302	T23, T24, T25	
3	MJL4281 / MJL3281 / 2SC3281	T16, T17, T18	
2	12A Length 25mm width 10mm 22.5 mm Pins pacing	F1, F2 Fuse holder	
2	100mA Fuseholdes round Optional More details to come	F3, F4	